

US 64 BUS (Caldwell St)

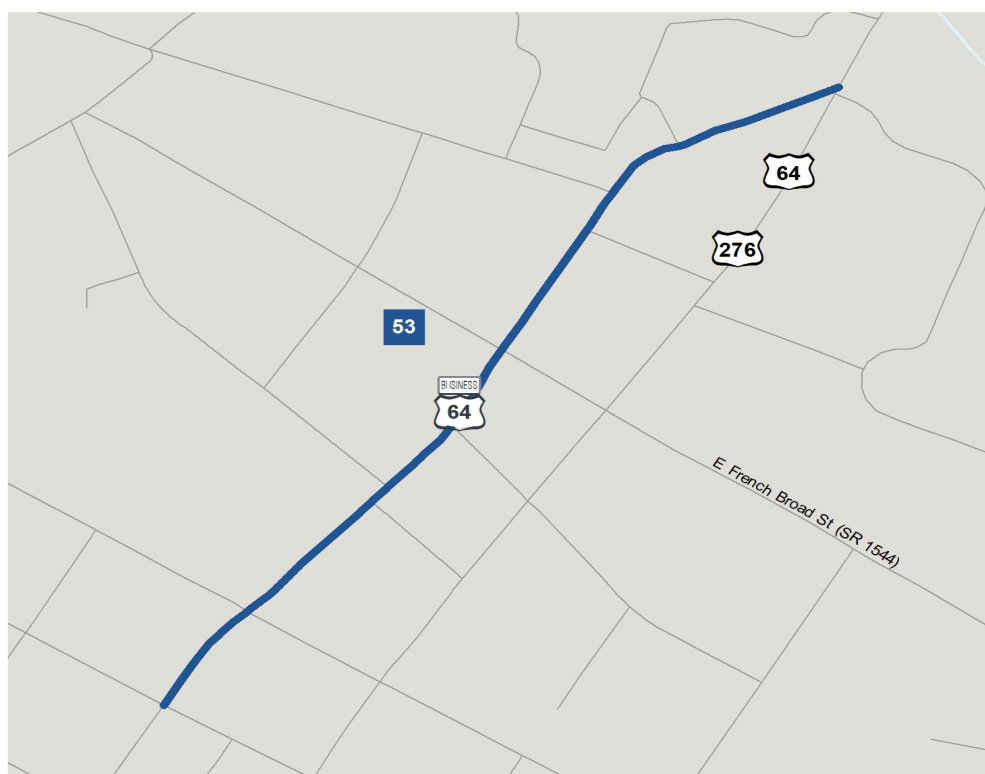
from US 64 to Main Street (SR 1349)

Local ID: **TRAN0053-H**Purpose: **Access**Improvement: **Improve Existing****Identified Need**

US 64 (Caldwell Street) is projected to be over capacity in 2045 during peak travel seasons. It has no paved shoulder and lane widths of 9 feet.

Recommendation

Improve lane widths, and shoulders to current design standards, including 5-foot paved bike lanes.



	Local ID #	Improve	New Location		Local ID #	Improve	New Location
Congestion / Mobility	#	—	...	Interchange	⊙	□	■
Access Management / Operations	#	—	...	Bridge / Overpass	⊙	○	●
Modernization	#	—	...	Intersection	⊙	∠	▲
Other	#	—	...				

Proposal At A Glance

Highway Class	Access Management & Operation
Facility Type	Major Thoroughfare 2-lane
Typical Section	03 C
Section Options	-
Estimated Cost	-
Length (miles)	0.45
Existing ROW (feet)	
Safety Risk Score	-

Proposal Data: 2017 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	3	3	2
<i>Volume (vpd)</i>	9100-11000	10000-13200	-
<i>Capacity (vpd)</i>	16500	16500	16500

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-

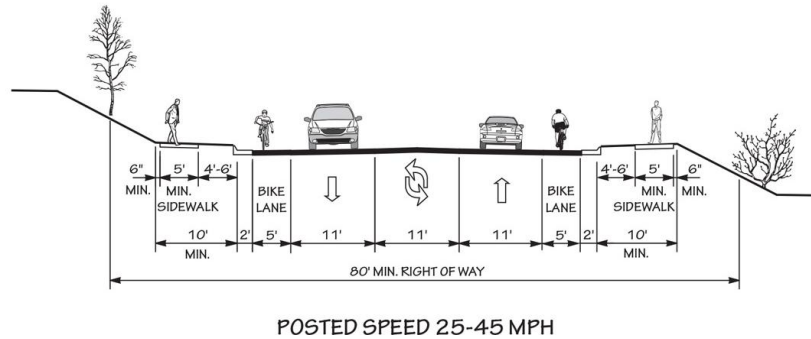


Typical Section Options:

None

TYPICAL SECTION No. 3C

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER,
BIKE LANES, AND SIDEWALKS

**Project History/Linkage to Other Plans****Linkage to Other Plans**

This facility is classified as a minor arterial on the Federal Functional Classification System.

Multi-Modal Considerations

Transylvania County Transit, under the name "Transylvania in Motion" operates a fixed route as well as demand response system within the county. The fixed route serves this facility with a stop at the Food Lion. There is also a stop at Main Street and Church Street.

The Transylvania County Bicycle Plan (2019) recommends a bike lane along this facility due to the higher traffic volumes and speeds. The City of Brevard Comprehensive Pedestrian Plan (2006/2018) also recommends new sidewalks along this facility.

CTP Goal Analysis**Goals & Objectives Survey**

The citizens of Transylvania County responded to a public survey in early 2019 with a great deal of support for new greenways, sidewalks, and multi-use paths. When asked for their top three most important project types, these categories ranked first, third and fifth, out of a dozen choices. Rounding out the top five were maintenance and safety projects at second and fourth respectfully. When asked to rank transportation goals, the respondents gave two, preservation of the natural beauty and community character and increasing the number transportation mode choices, substantial net positive scores; improved connectivity, and economic development about neutral; and improved travel time was poorly scored, receiving over 50% of the lowest rank.

Potential Impacts**Natural & Human Environmental Context**

Based on planning level environmental assessment using available GIS data, the proposed project intersects the French Broad River local watershed. It is also within the vicinity of King Creek and related wetlands. The project is in proximity of the historic McMinn Building, the historic Probart Street District, the Main Street Historic District, one place of worship, and a mental health home.